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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/642,430
Filing Date	08/15/2003
First Named Inventor	Peter C. Williams
Art Unit	
Examiner Name	
Attorney Docket Number	22188/06671

**ERIC K. NICHOLSON
PRIMARY EXAMINER**

Sheet

of

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Signature]		US- 771682	10-04-1904	Sussman	
		US- 4538842	09-03-1985	Kowal et al.	
		US- 4538836	09-03-1985	Kruttien	
		US- 4508374	04-02-1985	Kantor	
		US- 4293149	10-06-1981	Bonel	
		US- 4343456	08-10-1982	Zitzloff	
		US- 3248136	04-26-1966	Brozek et al.	
		US- 4944534	07-31-1990	Kotyk	
		US- 3139293	06-30-1964	Franck	
		US- 4256334	03-17-1981	Bolisset et al.	
		US- 3290062	12-06-1966	Ziberl et al.	
		US- 4022497	05-10-1977	Kotsakis	
		US- 4192532	03-11-1980	Pacella	
		US- 6102449	08-15-2000	Welsh	
		US- 4523256	06-11-1985	Small	
		US- 5163722	11-17-1992	Worden	
		US- 5114190	05-19-1992	Chalmers	
		US- 4169967	10-02-1979	Bachle	
		US- 4033614	07-05-1977	Hanson	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
[Signature]		EP-0583707-B1	03-20-1996	Anton Hummel Verwaltungs-		
		EP-0879980-A2	11-25-1998	EM-Technik GmbH		
		EP-0940617-A2	09-08-1999	Insigne-Berg Groep B.V.		
		JP-11325342-A2	11-26-1999	IHARA SCIENCE CORP		
		JP-51017219-A2	02-12-1976	TAKEMOTO YUSHI KK		
		JP-551559392-A2	12-11-1980	JIEIMUZU NEIRU HOORU		

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		Number-Kind Code ² (if known)			
gm		US- 6179348	01-30-2001	Okamoto	
		US- 6173995	01-16-2001	Mau	
		US- 6109660	08-29-2000	Akiyama et al	
		US- 6089620	07-18-2000	Mota Lopez et al.	
		US- 6045164	04-04-2000	Nishio	
		US- 6039361	03-21-2000	Mell	
		US- 6022053	02-08-2000	Hukuda	
		US- 6007112	12-28-1999	Kim	
		US- 5718459	02-17-1998	Davie et al.	
		US- 5711549	01-27-1998	Beans	
		US- 5658025	08-19-1997	Ridenour	
		US- 5607194	03-04-1997	Ridenour	
		US- 5489127	02-06-1996	Anglin et al.	
		US- 5439259	08-08-1995	Taga et al.	
		US- 5240289	08-31-1993	Gottling et al.	
		US- 5074155	12-24-1991	Vecere	
		US- 5074599	12-24-1991	Wirbel et al.	
		US- 4903942	02-27-1990	Licciardello et al.	
gm		US- 4739828	04-26-1988	Bayer et al.	

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gm		EP-0309179-A1	03-29-1989	PARKER HANNIFIN CORP		
		EP-0371063-B1	02-05-1992	GEORGE FISCHER CASTI		
		EP-0396367-B1	01-20-1993	PRICE PFISTER, INC.		
		EP-0489289-B1	05-04-1994	PARKER-ERMETO GMBH		
		EP-0523020-B1	02-28-1996	AB STACKE METALLARM		
		EP-0528079-B1	03-30-1994	Aeroquip AG		

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gm		JP-369026	10-30-1991	FUESTO KG		
		JP-50149910-A2	12-01-1975	HITACHI LTD		
		GB-2259123-B	07-19-1995	VICTAULIC PLC		
gm		JP-6112886-A2	05-30-1986	TOYO VALVE KK		

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Lee		EP-0484091-A1	05-06-1992	CRAWFORD FITTING COI		
		EP-0751334-A1	01-02-1997	Guest		
		EP-0531068-A2	03-10-1993	VICTAULIC PLC		
		EP-0762803-A1	03-12-1997	ADAM OPEL AG		
		EP-0528079-A1	02-24-1993	Aeroquip AG		
Lee		EP-0581408-A1	02-02-1994	GENERAL ELECTRIC COI		

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Substitute for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>		<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/642,430</td> </tr> <tr> <td>Filing Date</td> <td>08/15/2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Peter C. Williams</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td>ERIC K. NICHOLSON PRIMARY EXAMINER</td> </tr> <tr> <td>Attorney Docket Number</td> <td>22188/06671</td> </tr> </table>		Application Number	10/642,430	Filing Date	08/15/2003	First Named Inventor	Peter C. Williams	Art Unit		Examiner Name	ERIC K. NICHOLSON PRIMARY EXAMINER	Attorney Docket Number	22188/06671
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GM		US- 3893716	07-08-1975	Moreiras et al.	
		US- 3743324	07-03-1973	Schwarz et al.	
		US- 3325192	06-13-1967	Sullivan	
		US- 3215457	11-02-1965	Teeters	
		US- 2693374	11-02-1954	Wurzbarger	
		US- 2511134	06-13-1950	Stranberg	
		US- 2474178	06-21-1949	Wurzbarger	
		US- 2179127	11-07-1939	Lauer	
		US- 2165626	07-11-1939	Ford	
		US- 2152537	03-28-1939	Couty	
		US- 4458927	07-10-1984	Smith	
		US- 3708186	01-02-1973	Takagi et al.	
		US- 3684322	08-15-1972	Kotsakis	
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EM		* EP-1055859-A2	11-29-2000	Tokai Rubber Industries, Ltd		
		* WO-9934142-A1	07-08-1999	DAICEL CHEMICAL INDU		
		* JP-6174171-A2	06-24-1994	NIPPON PILLAR PACKING		
		* JP-4069488-A2	03-04-1994	FUROUERU:KK		
		* JP-2001141169-A2	05-25-2001	NIPPON PILLAR PACKING		
EM		* EP-0638752-A1	02-15-1995	Park, Sil-Sang		

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hu		DE-4041679-A1	06-25-1992	Armaturenfabrik Hermann V		
		JP-2000110975-A2	04-18-2000	TAKEI KOJO:KK		
		JP-2001099337-A2	04-10-2001	KOMEI SEISAKUSHO:KK		
		JP-11201347-A2	07-30-1999	NIPPON KOKAN PIPE FIT		
		JP-5712887	01-22-1987	Fuji Seiko KK		
hu		JP-4874317	09-14-1973	Nitto Koki KK		

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		• JP-461462	01-19-1971	Nitta Bel KK		
		• JP-57202084	12-22-1982	Yaei Kagaku Kogyo KK		
		• JP-56124787-A2	09-30-1981	RUI MARUTERI		
		• JP-63231086-A2	09-27-1988	TOHO KASEI KK		
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First Named Inventor	Peter C. Williams
Art Unit	
Examiner Name	
Attorney Docket Number	22188/06671

**ERIC K. NICHOLSON
PRIMARY EXAMINER**

Sheet

of

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JMA		US- 3992043	11-16-1976	Whitley	
		US- 4136896	01-30-1979	Rodman et al.	
		US- 3736008	05-29-1973	Crawford	
		US- 6168211	01-02-2001	Schorn-Gilson	
		US- 5954375	09-21-1999	Trickle et al.	
		US- 5716082	02-10-1998	Vogel et al.	
		US- 5335946	08-09-1994	Dent et al.	
		US- 5193616	03-16-1993	Hynes	
		US- 4940263	07-10-1990	Mayernik	
		US- 4890867	01-02-1990	Briggs et al.	
		US- 4789759	12-06-1988	Jones	
		US- 4647086	03-03-1987	Maxwell et al.	
		US- 4541537	09-17-1985	Sailor	
		US- 4529231	07-16-1985	Greenawalt	
		US- 4304422	12-08-1981	Schwarz	
		US- 4136897	01-30-1979	Haluch	
		US- 4037864	07-26-1977	Anderson et al.	
		US- 3970337	07-20-1976	Niemeyer	
		US- 3895832	07-22-1975	Ellis et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JMA		WO-9832999-A1	07-30-1998	SWAGELOK MARKETING		
		WO-9846925-A1	10-22-1998	SWAGELOK MARKETING		
		EP-0863354-A1	09-09-1998	Armaturenfabrik Hermann		
		WO-9924750-A1	05-20-1999	GLYNWED PIPE SYSTEMS		
		WO-8912190-A1	12-14-1989	WEBER		
		WO-9707356-A1	02-27-1997	FRÖHLICH		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/642,430
Filing Date 08/15/2003
First Named Inventor Peter C. Williams
Art Unit
Examiner Name
Attorney Docket Number 22188/06671

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U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
EKM		US- 6073976	06-13-2000	Schmidt et al.	
		US- 4586731	05-06-1986	Castrup	
		US- 3923323	12-02-1975	Brogan	
		US- 3319293	05-16-1967	Gollos	
		US- 3025084	03-13-1962	Franck	
		US- 2641489	06-09-1953	Hedberg	
		US- 2553981	05-22-1951	Richardson	
		US- 2544109	03-06-1951	Richardson	
		US- 2497274	02-14-1950	Richardson	
		US- 2460621	02-01-1949	Courtot	
		US- 2450170	09-28-1948	Smith	
		US- 2127611	08-23-1938	Mueller	
		US- 1889778	12-06-1932	Dobrick	
		US- 1927464	09-19-1933	McIntosh	
		US- 1755210	05-22-1930	Dobner	
		US- 2139413	12-06-1938	Kreidel	
		US- 2738994	03-20-1956	Kreidel et al.	
		US- 2406488	08-27-1946	Brock	
		US- 2823935	02-18-1958	Wurzburger	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
EKM		WO-9324780-A1	12-09-1993	THE DEUTSCH COMPANY		
		GB-2258897-A	02-24-1993	RUSKA LABORATORIES, I		
		JP-5666586-A2	06-05-1981	ERUMETO ARUMATOURI		
		JP-59006488-A2	01-13-1984	FUJI KINZOKU KOUSAKU		
		WO-8804385-A1	06-16-1988	GEORGE FISCHER CASTI		
EKM		WO-9743571-A1	11-20-1997	ILE.Scaron.I.Ccaron., Peter		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/642,430
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Filing Date	08/15/2003
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First Named Inventor	Peter C. Williams
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Art Unit

Examiner Name	
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Attorney Docket Number	22188/06671
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code ² -Number ³ -Kind Code ⁴ (If Known)				
Lee		EP-0224188-A1	06-03-1987	MITSUI & CO., LTD.		
		WO-0173333-A1	10-04-2001	SWAGELOK COMPANY		
		WO-8400796-A1	03-01-1984	IWANICKI		
		JP-2000097377-A2	04-04-2000	CKD CORP		
		GB-2080900-A	02-10-1982	WAVERLEY COMPONENT		
Lee		GB-2032555-A	05-08-1980	NORMARK O		

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Date _____

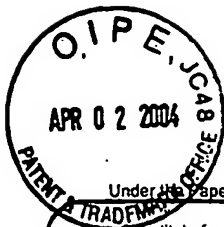
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/642,430
Filing Date	08/15/2003
First Named Inventor	Peter C. Williams
Art Unit	
Examiner Name	
Attorney Docket Number	22188/06671

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Signature]		US- 3580617	05-25-1971	Ehrenberg et al.	
		US- 2755110	07-17-1956	Jacobs	
		US- 3195933	07-20-1965	Jacobs	
		US- 3006558	10-31-1961	Jacobs	
		US- 3977708	08-31-1976	Jopp	
		US- 4133565	01-09-1979	Shutt	
		US- 4133312	01-09-1979	Burd	
		US- 4072328	02-07-1978	Elliott	
		US- 4076286	02-28-1978	Spontelli	
		US- 4026581	05-31-1977	Pasbrig	
		US- 3695647	10-03-1972	Pugliese	
		US- 3565467	02-23-1971	Haldopoulos et al.	
		US- 3454290	07-08-1969	Tairraz	
		US- 3445128	05-20-1969	Teeters	
		US- 3379461	04-23-1968	Davis	
		US- 2768845	10-30-1956	Samiran	
		US- 2544108	03-06-1951	Richardson	
		US- 1058542	04-08-1913	Brown	
		US- 791905	06-06-1905	Higginbotham	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
[Signature]		EP-0034493-A2	08-26-1981	GOULD INC.		
		EP-1020675-A1	07-19-2000	F.X. Bachmann AG		
		EP-1033518-A1	09-06-2000	GLYNWED PIPE SYSTEM		
		EP-0118656-B1	06-11-1986	Firma Franz Viegeler II		
		EP-0205170-A2	12-17-1986	Hewlett-Packard GmbH		
		EP-0285677-B1	12-02-1992	MANIBS Spezialarmaturen		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number **10/642,430**
 Filing Date **08/15/2003**
 First Named Inventor **Peter C. Williams**
 Art Unit
 Examiner Name
 Attorney Docket Number **22188/06671**

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		Number-Kind Code ² (if known)			
<i>km</i>		US- 5134676	07-28-1992	Boillot et al	
		US- 5823256	10-20-1998	Moore	
		US- 6361083	03-26-2002	Riesselmann et al.	
		US- 6123364	09-26-2000	Inoue et al.	
		US- 5961160	10-05-1999	Frolich	
		US- 4682797	07-28-1987	Hildner	
		US- 4655485	04-07-1987	Albrecht et al.	
		US- 4500117	02-19-1985	Ayers et al	
		US- 4309050	01-05-1982	Legris	
		US- 3857591	12-31-1974	Voss	
		US- 3167333	01-26-1965	Hall et al.	
		US- 2561648	07-24-1951	Bradley	
		US- 2452276	10-26-1948	Woodling	
		US- 2284216	05-16-1942	Kunkel	
		US- 2150042	03-07-1939	Shultz	
		US- 2083091	06-08-1937	Rector	
		US- 1983840	12-11-1934	Dohner	
		US- 1334130	03-16-1920	Blanchard	
<i>km</i>		US- 5351998	10-04-1994	Behrens et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
<i>km</i>		JP-4429659	12-08-1969	Sanko KK		
		JP-513917	01-13-1976	Taiyo Kinzoku KK		
		JP-55181082	12-26-1980	Tokyo Shibaura Denki KK		
		EP-441676-B1	06-05-1996	RADIALL Société anonyme		
		WO-9423234-A1	10-13-1994	SALYERS		
<i>km</i>		JP-U3069026	05-30-2000	TOKYO KOKEN KK		

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Signature*km*Date
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		Application Number	10/642,430
		Filing Date	08/15/2003
		First Named Inventor	Peter C. Williams
		Art Unit	ERIC K. NICHOLSON PRIMARY EXAMINER
Examiner Name			
Attorney Docket Number	22188/06671		
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
En		PARKER HANNIFIN CORPORATION, Supercase, The Invisible Breakthrough, Parker Supercase Promotion Folder, Parker Hannifin Corporation, Huntsville, AL.	
		PARKER HANNIFIN CORPORATION, Parker Supercase Process Hardens Stainless Steel to Become More Resistant to Corrosion, News Release, Parker Hannifin Corporation, Huntsville, AL.	
		PARKER HANNIFIN CORPORATION, Engineering Report - Ferrule Design Supercase, Parker Supercase Bulletin, 4230-B15.1, Parker Hannifin Corporation, Huntsville, AL.	
En		PARKER HANNIFIN CORPORATION, Parker Supercase, A Proprietary Process for the Hardening of Stainless Steel Ferrules, Parker Supercase Bulletin, March 1993, 4230-B15.3, Parker Hannifin Corporation, Huntsville, AL.	

Examiner Signature		Date Considered	3/17/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/642,430
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Filing Date	08/15/2003
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First Named Inventor	Peter C. Williams
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Art Unit

Examiner Name

Attorney Docket Number	22188/06671
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		Country Code ² Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY			
Lee		EP-0895014-A2	02-03-1999	Parker Hannifin GmbH		
		WO-8909904-A1	10-19-1989	NORDS VERKSTADS AKTI		
		WO-9325837-A1	12-23-1983	LEHMANN, Klaus-Dieter		
		WO-9714905-A1	04-24-1997	AVESTA NORDS AKTIEBC		
		WO-0120214-A1	03-22-2001	SWAGELOK COMPANY		
la		JP-61099790-A2	05-17-1986	FUJI SEIKOU KK		

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/642,430
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Filing Date	08/15/2003
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First Named Inventor	Peter C. Williams
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Art Unit

Examiner Name

22188/06671

ERIC K NICHOLSON
PRIMARY EXAMINER

Sheet _____ of _____

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ² Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY			
		* KR-200239292	07-09-2001			
		* KR-19920008397	05-25-1992			
		* KR-20010006382	01-26-2001			
		* KR-19930006359	04-21-1993			
		JP-1054599-B4	11-20-1989	NIPPON PILLAR PACKING		
		* JP-4023157-B4	04-21-1992	TOHO KASEI KK		

**Examiner
Signature**

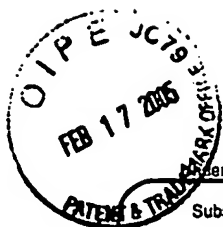
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1 of 2

PTO/SB/08A (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Substitute for form 1449/PTO		Complete if Known	
			Application Number	10/642,430
			Filing Date	August 15, 2003
			First Named Inventor	Peter C. Williams
			Art Unit	3679
			Examiner Name	Erik K. Nicholson
Sheet 1 of 2		Attorney Docket Number		22188/06671

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
gm		US- 6,131,963	10/17/00	Kuhns et al.	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
gm		WO 02/063195	08/15/02	Swagelok		

Examiner Signature		Date Considered	3/17/03
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		Application Number	10/642,430
		Filing Date	August 15, 2003
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		Examiner Name	Erik K. Nicholson
Sheet 2	of 2	Attorney Docket Number	22188/06671

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>guc</i>		International Search Report for PCDT/US2004/026096.	

Examiner Signature	<i>[Signature]</i>	Date Considered	3/17/09
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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